

In the claims:

Cancel claims 52-66.

Amend claim 1 as follows:

1. (Amended) A purified and isolated nucleic acid molecule comprising a nucleic acid sequence selected from the group consisting of (1) the porcine nucleic acid sequence depicted in Figure 4 (SEQ ID NO: 7), (2) a sequence corresponding to the sequence of (1) within the scope of the degeneracy of the genetic code, (3) a sequence that encodes a porcine polypeptide having  $\alpha$ -1,3 galactosyltransferase activity and that hybridizes [under standard high stringency conditions] with a sequence complementary to the sequence of (1) or (2) after a wash at 65°C in a buffer containing 0.1% SDS and not greater than 0.5 x SSC, and (4) a sequence complementary to the sequence of (1), (2) or (3).

Add new claim 68

-68. The purified and isolated nucleic acid molecule of claim 1, wherein said wash is in 0.05 x SSC and 0.1% SDS at 65°C.

REMARKS

Status of the claims

Claims 1-3 and 46-67 are pending in this application and stand rejected by the Examiner. Claim 1 is amended and new claim 68 is added. Claims 52-66 are cancelled without prejudice to their being submitted in a separate application. No new matter is added.